3 February 2015

Agreement

Concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions*

(Revision 2, including the amendments which entered into force on 16 October 1995)

Addendum 82 – Regulation No. 83

Revision 4 - Amendment 4

Supplement 4 to the 06 series of amendments – Date of entry into force: 22 January 2015

Uniform provisions concerning the approval of vehicles with regard to the emission of pollutants according to engine fuel requirements

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UNITED NATIONS

* Former title of the Agreement: Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

GE.15-01687 (E)

1501687

Please recycle

Insert a new paragraph 1.2., to read:

"1.2. The following do not need to be approved according to this Regulation: vehicles of reference mass between 2,380 kg and 2,610 kg with engines to which an approval to Regulation No. 49 has been granted as an extension."

Paragraph 5.3.1.4., Table 1, add note 2 to read:

"5.3.1.4. Subject to the requirements of paragraph 5.3.1.5. the test shall be repeated three times. The results are multiplied by the appropriate deterioration factors obtained from paragraph 5.3.6. and, in the case of periodically regenerating systems as defined in paragraph 2.20., shall also be multiplied by the factors K_i obtained from Annex 13. The resulting masses of gaseous emissions and, in the case of vehicles equipped with compression-ignition engines, the mass of particulates obtained in each test shall be less than the limits shown in the Table 1 below:

Table 1
Emissions limit

			Limit values													
		Reference mass (RM) (kg)	*Mass of carbon monoxide (CO)*		*Mass of total hydrocarbons (THC)*		*Mass of non-methane hydrocarbons (NMHC)*		*Mass of oxides of nitrogen (NO_x)*		*Combined mass of hydrocarbons and oxides of nitrogen (THC + NO_x)*		*Mass of particulate matter (PM)*		*Number of particles (P)*	
			L_1 (mg/km)		L_2 (mg/km)		L_3 (mg/km)		L_4 (mg/km)		$L_2 + L_3$ (mg/km)		L_5 (mg/km)		L_6 (number/km)	
Category	Class		PI	CI	PI	CI	PI	CI	PI	CI	PI	CI	PI [1]	CI	PI	CI
M	-	All	1,000	500	100	-	68	-	60	180	-	230	4.5	4.5	-	6.0×10^{11}
N_1	I	RM ≤ 1,305	1,000	500	100	-	68	-	60	180	-	230	4.5	4.5	-	6.0×10^{11}
	II	1,305 < RM ≤ 1,760	1,810	630	130	-	90	-	75	235	-	295	4.5	4.5	-	6.0×10^{11}
	III	1,760 < RM [2]	2,270	740	160	-	108	-	82	280	-	350	4.5	4.5	-	6.0×10^{11}
N_2	-	All	2,270	740	160	-	108	-	82	280	-	350	4.5	4.5	-	6.0×10^{11}

Key: PI = Positive Ignition, CI = Compression Ignition

Notes:

[1] Positive ignition particulate mass standard shall apply only to vehicles with direct injection engines.

[2] Includes M_1 vehicles that meet the "specific social needs" definition."